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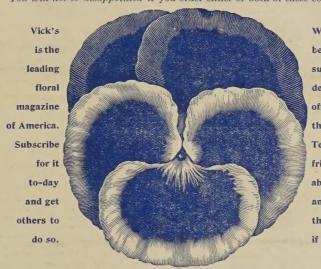
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STRANGE MENTAL POWERS. HOW PEOPLE

Startling Words From the Committee Appointed to Investigate Hypnotism for the Benefit of Vick's Magazine Readers.



F. H. STOUFER, Secretary and Treasurer of Railway Conductors, Pueblo, Col.

Gorham, N. Y.

REV. PAUL WELLER.

Hypnotism is no longer a myth a fanciful creation of the mind but a reality, a most potent power, capable of producing infinite good. For the purpose of ascertaining the exact value of this much talked-of power a committee composed of a physician, a well-known jurist, a prominent minister and leading railroad man was appointed to investigate Hypnotism.

The committee carried on a series of investigations in regard to the power of hypnotism to influence the actions and deeds of people in the everyday walks of life.

The first step taken by the members of the committee was to master the science in every detail, so that they might state from personal experience the good or evil this strange power might produce. They wrote the New York Institute of Science, of Rochester, N. Y., the greatest school of hypnotism and Occult Science in the world, and received full and complete instructions in regard to how hypnotism may be used to influence people in business, how to use it in treating diseases, etc., etc. In

a few days they mastered these instructions and were full-fledged hypnotists.

It was clearly demonstrated that hypnotism may be employed so that the person operated upon is entirely unconscious of the fact that he is being influenced; and, all things considered, the committee regard it as the most valuable discovery of modern times. A knowledge of it is essential to one's success in life and well-being in society.

Dr. Lincoln says, after a thorough investigation that he considers it the most marvelous therapeutic or curative agent of modern times

Judge Schafer, although a legal light, turned his attention to healing the sick, and in a few treatments he completely cured John E. Myers of Flemington, N. J., of a strange malady that had kept him bedfast for nine years, and which the doctors said must surely kill him. Judge Schafer's fame spread for miles around, and hundreds of people applied to him for treatment.

Mr. Stoufer performed the astonishing feat of hypnotisins Mr. Cunningham of Pueblo, Col., at a distance of several blocks. He also hypnotized an aged gentleman and had him run through the streets.

tance of several blocks. He also hypnotized an aged gentleman and had him run through the streets shouting "Red hot peanuts for sale." Mr. Stoufer says it is indispensable to one's businese success.

Rev. Paul Weller says that every minister and every mother should understand hypnotism for the benefit they can be to those with whom they are brought into daily contact.

In speaking of this marvelous power, President Eliot of Harvard college said to the graduates: "Young gentlemen, there is a subtle power lying latent in each of you which few of you have developed, but which, when developed, might make a man irresistible. It is called personal magnetism or hypnotism. I advise you to master it."

The New York Institute of Science has just issued 10,000 copies of a book which fully explains all the secrets of this marvelous power, and gives explicit directions for becoming a practical hypnotist, so that you can employ the force without the knowledge of anyone. Anybody can learn. Success guaranteed.

The book also contains a full report of the members of the committee. It will be sent absolutely free to anyone who is interested. A postal card will bring it. Write today.

Address New York Institute of Science, Dept. J. B. 5, Rochester, N. Y.



VICK'S



ILLUSTRATED FAMILY MAGAZINE

Vol. 24

February Number # 1901

No. 12

SOME HARDY PRIMROSES.

No garden is complete without more or less hardy Primroses, and they adapt themselves to almost any location and soil. They do equally well as border plants or among shrubbery, and will thrive when planted in masses or grouped with our native plants in a semi-wild garden.

The Primrose family is said to contain nearly a hundred different species and varieties. Primula vulgaris, also known as P. grandiflora, is the common English Primrose, the plant to which the

English name, Primrose, specially belongs.

This Primrose grows wild in great profusion in England. One writer says of it: "Of all the Primula family none excels our native Primroses in loveliness, and they are the earliest of all to flower. The Gentians and dwarf Primulas do no more for the Alps than these charming wild flowers do for our hedgerows, banks, groves, open woods and the borders of our fields and streams."

While thoroughly loyal to our own early spring wild flowers, I confess that I almost envy our English cousins their wild Primroses; how beautifully they would light up our copses. But, if we do not have them growing wild, we can have them in our gardens, where they are among the most charming of the early blooming flowers. Their soft yellow color, known as primrose yellow, and their delicate fragrance combine to render them exceedingly attractive.

Primula officinalis, also known as P. veris, is the English Cow-

slip. It is a close rival of the common Primrose, being equally as hardy, and the blossoms having the true primrose-yellow tint. The flowers of the Cowslip are borne in umbels, while the Primrose has but one blossom on a stem.

Both the Primrose and the Cowslip will grow in common garden soil, and the plants can be propagated by division of the roots.

The Polyanthus is another member of the Primrose family. Its origin is somewhat obscure; by some it is supposed to be a cross between the Primrose and the Cowslip, others believe it to be a variety of the Common Primrose produced by cultivation. Its botanical name is Primula variabilis.

Old-fashioned gardens always had quantities of Polyanthuses, and these early-blooming flowers brightened up the borders with their cheerful colors. In modern gardens they are not appreciated as they should be. For rich and charming coloring, wide range of hues and great variety of markings, no flowers surpass the Polyanthuses, and they have the delica'e Primrose fragrance

The Polyanthus is not as showy for bedding in masses as some varieties of Primrose, since the flowers have to be examined rather closely in order

PRIMULA VERIS SUPERBA.

to appreciate their beauties, but a bed of these plants affords a most delightful study, revealing surprising combinations and blendings of colors, with varied markings and soft velvety texture. The flowers are borne in clusters, like the Cowsilp, and are usually single. Sometimes the blossoms are curiously double, one corolla inside another, and such are called Hose-in-Hose flowers.

Polyanthuses will grow in ordinary garden soil, but they succeed best where it is rich and somewhat moist, and the position partially shaded.

A Primrose of recent introduction is Primula veris superba, a chance seedling, supposed to be a hybrid between the Primrose and the Polyanthus, combining the best qualities of both.

The flowers grow in clusters like the Polyanthus; the color is primrose yellow with an orange eye. The flowers are larger than the ordinary Polyanthus blossom, often measuring more than an inch across when grown in the open ground, and are still larger when grown in the greenhouse.

The plants are from ten to twelve inches in height, with trusses of bloom six inches in diameter. They are perfectly hardy, begin to flower earlier than other varieties, and continue in bloom longer. When well established, a plant

will throw up a dozen flowering stems. The blossoms are very desirable for cut flowers; all of the buds in a cluster will open, and by picking off the withered flowers they will last two weeks.

This variety of Primrose is particularly well adapted for forcing, being one of the easiest plants to bring into flower during the winter and early spring and especially valuable about Easter. The plants can be kept in a cold frame until January, then transplanted to a cool greenhouse, where they will blossom in four or five weeks.

For out-door culture, they will grow in any good garden soil. While they do well in full sunshine, if the bed be shaded during the middle of the day it will be an advantage. Mulching the roots in winter is advised, care being taken not to cover the leaves, which often decay if not exposed to the air.

Propagation is effected by division of the roots. This should be done as early in the spring as it is possible to work with the plants, before the

weather gets warm. Or, it can be done early in the fall, giving time for the plants to become established before winter. If not well established, they will be apt to heave out of the ground in the spring.

The illustration given is from a plant grown by Mr. George Arnold, Jr., on his grounds near this city. The bed from which the plant was taken was six feet wide by eighty feet long, and when the Primroses were in full bloom, in early May, the glowing mass of color was almost gorgeous, making a beautiful sight and one long to be remembered.

Mr. Arnold considers this variety of Primrose a most desirable acquisition, both for display in the garden and for cut flowers.—F. B.

We have some splendid specimens of P. Superba which we will furnish postpaid with Vick's Magazine one year for only 50c or with Magazine two years for 60c. Ed.

About Flowers

The Cactus.

SECOND ARTICLE BY IDA BELMER CAMP.

The plants of nearly all species of Cereus are very rapid growers, and nearly all produce magnificent, brilliantly colored flowers of much grace and beauty and delicately fragrant.

If I were asked which are the best blooming species of Cereus, I should place first, C. flagelliformis; it not only blooms first of all Cactus plants, at the dawn of the new year, but excels all others in its wealth of flowers. It is a day bloomer continuing in flower for several weeks. In color its flowers are a bright rosy red; the stems are about one-half inch in diameter of pendulous habit, and grow from four to six feet in length. It is never at its best unless grafted upon some strong growing columnar Cereus.



Next on the list I would place C. coccinneus, a native of Mexico, that will bloom when only a few inches high; its flowers are of the most intense scarlet, six inches in diameter, a day bloomer whose flowers last for many days and are produced in great profusion. This plant is also at its best when grafted, and C. triangularis is one of the best stocks for it. C. Baumonii will bloom the whole year round. It is of columnar habit, its flowers are brilliant vermillion, and orange yellow. One of the curiosities of Southern California is the monster Cereus triangularis which clambers over the corner and on the cottage roof of Mrs. Theodosia B. Shepherd of Ventura-by-the-Sea. the first of July, the large buds make their appearance, and the magnificent flowers measuring from twelve to fourteen inches from stem to tip of petal come into bloom soon after. The flower stems are covered with large yellowish green scales; the sepals are greenish yellow, the petals creamy white, an inch across; they have a satiny sheen that is very beautiful. The throat of the flower is lined with a mass of silken stamens, which lie like a skein of floss on one side; lying in and rising above them is the pistil, surmounted by a velvety star-shaped stigma, greenish yellow, mak ing a fine contrast. All through the summer and fall months, these exquisite silken blossoms come

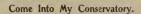
and go; on days when the sun is hid, they remain open until noon, and by strangers have been taken at a distance for white gulls perched on the roof.

C. nyeticalus is an extra fine night bloomer pro-

ducing vellow flowers in great abundance. This is a very strong grower, an excellent plant to use as grafting stock, as its square stems make a fine contrast when grafted with those of round growth. But for beauty of stem color no species equals the blue stemmed Cereus of Chili. The effect these blue stemmed plants produce in contrast with dark green or vellow spined sorts is very pretty indeed. One of the best of these is C. azurlus; another fine one is C. cœrulescens from Montevideo. It is the neatest of all the blue stemmed varieties making a tall imposing plant which bears beautiful tube-shaped flowers eight inches in length excelling even C. grandi-

But for lack of space many more species of this very interesting genus might be discussed with

might be discussed with CEREUS FLAGELLIFORMIS pleasure and profit. In GRAFTED ON C. COLUBRINUS. potting Cereus use one-third charcoal as drainage, light, rich, porous soil for the remainder with a handful of clean sand for the plant to rest in. In potting Cactus that have come from a distance, cut off all dead, dried roots close to the stem; look them over carefully and make sure they are free from insects before introducing them into your Cacti are seldom troubled with incollection. sect pests, but when so infected a thorough washing with kerosene emulsion is usually all that is required, or one may spray them with dilute alcohol with good effect. The growing season is acconsidered the best time for grafting and those who may try it will be surprised to find what a fascinating pastime it is. The best time to water Caetus plants in winter, is in the morning, and in summer, the evening. At mid-summer, the plants are growing, blooming sized plants of Cereus will stand an occasional watering with liquid manure.



N. S. W.

You'll not miss that row of hyacinths, will you? Elliott calls them "shade loving hyacinths." Their pyramids of white, blue, pink and red bells delight our senses, while they remind us of the Orient, because the East is the land of its birth. They abound in the neighborhood of the city of the Caliphs, Bagdad, and of Aleppo. They remind us, too, of the City of the Sultan, Constantinople, where some years ago the luxurious monarch of the Turks had an apartment in his palace called the Chamber of the Garden of Hyacinths.

A gentleman who obtained admission into this singular garden says: "It was small and arranged in oblong beds which were filled with these beautiful plants, waving their thousand bells. But the effect was monotonous and dreary. The delicious odors borne upon the wings of the soft, warm air were overpowering, while the eye, wearied with the spectacle of so much beauty vainly sought relief in objects wearing other forms and different combinations of colors." The hyacinth is closely associated with Holland where it has been much cultivated for over three hundred years. In Vick's Floral Guide for 1873, is an interesting account of a trip made by James Vick through Holland. He said, "the soil for hyacinths must be prepared

in a very expensive manner, and when so prepared is worth about a thousand dollars an acre."

My woman's curiosity constrained me to send direct to Haarlem for these bulbs and in as much as they were purchased of a dealer who is by "Special Royal Warrant," permitted to supply His Majesty, the King of Prussia and Emperor of Germany, they almost seem to belong to royalty, so I call them the beautiful princesses of my little conservatory, and here under the shadows of the palms they hold a little court of their own. I have another collection to take their places when these blossoms begin to fade. They will represent quite a notable group; viz., Mad. de Stael, Florence Nightingale, Goethe, Shakespeare and many other celebrities.

The "Sunny South."

ROSE SEELYE MILLER.

To one used to the rigors of a northern winter the winter in Texas seems wonderfully mild and lovely. Yet we find things different from our expectations. There is a less tropical growth than we were prepared for, but we are told that in the farther south, about 100 miles, it is quite up to the

There is one feature of this city which is striking and beautiful. The honeysuckles are green the year around and form canopies, archways and festoons of green even in the coldest times of winter. These honeysuckles in bloom are marvels



CEREUS SPECIOSUS—C. COCCINEUS.

of sweetness and beauty, having a rich cream colored flower which is produced at any and every season of the year, even in winter time if there are enough consecutive warm days.

Roses have been budded and blooming all winter but not profusely. Sweet violets are found in almost every border, and their fragrance and delicate beauty commend them to all.

Verbenas have not yet succumbed to the weather (Feb. 7th.) and the maurandya vine still throws its delicate tendrils over stone walls and amongst the borders.

Iris holds its green spears all winter. There are rows of it in sight now, and it blooms very early and freely here.

One thing that seems strange is the absence of window plants in the homes. One reason is the ease with which flowers are grown out of doors. There are many beautiful evergreen trees, and the magnolia trees are a prominent feature. We see the live oak, green and rich all winter long, and the mistletoe with its berries like translucent pearls.

FORT WORTH, TRYAS.



use after they are two years old, that I am led to wonder if my experience with them is unusual, or if the statement is unreliable. One bulb, five years from the leaf, that had been kept in almost constant growth, had its foliage and buds frozen to the earth

during a cold snap in late winter, and the summer following bloomed more profusely than ever before, having at one time fifteen large blossoms, and now, nearly two years later, is full of buds; and this is not a solitary experience.

My gloxinias are usually dried off after they are done blooming and the pots containing the bulbs placed in a warm, frost-proof cellar. As early as the first of January I begin to watch for

SIGNS OF GROWTH.

Sometimes I will find a few thus early putting out new leaves, but the greater number of them do not begin to grow until the last of February or first of March. As soon as a bulb starts growing I repot it in light, rich soil, and water often enough to keep the earth moist. As soon as they begin to grow freely I give quantities of water, never on any account allowing them to become dry. I am careful not to wet the plant, as the buds are blighted by water falling on them. When the buds first show, I begin to give small doses of weak

FERTILIZER.

finding some of the prepared plant foods very beneficial; and I have, with apparently good results, used bone meal stirred into the soil, using about a teaspoonful to a six or eight-inch pot, applied at intervals of two or three weeks. I give plenty of sunshine until the buds are nearly large enough to open, when they are removed to a window where they get the sun only for a short time in the morning. The blossoms last much longer if kept out of the sun.

SLOW OF GROWTH.

Gloxinia bulbs are sometimes most exasperating, remaining a tiny speck just visible to the eye for what seems a long, long time. But when they arrive at a realizing sense of what their duty is, they make up for all delay, seemingly growing more in an hour than they have grown for weeks.

AFTER BLOOMING.

After the plants are done blooming, at the foot of each of the older leaf-stalks will be seen a slight swelling. These leaves separate readily from the stalks, and if placed in water and kept in the sun during the morning, will nearly all take root. Do not remove more than one-third of the leaves from a plant, allowing the others to ripen where they grew. If watered sparingly after the flowering period, the foliage will soon be ripened and the bulb ready for its long, dry, winter nap. But don't be persuaded to throw the bulbs away after their second summer. Give them at least one more trial, and as long as each season's bloom is better than the previous one, keep giving them still another trial. Don't give them up until you see for yourself that they are failing. -L. D.

NASTURTIUMS.

No annual surpasses the Nasturtium, in beauty, profusion and variety of flowers. Last year, the latter part of March, I sowed a packet of Nasturtiums-Tropæolum majus, and the 19th of May, I was rewarded with some lovely blossoms. These same plants continued to bloom in the open air until Jack Frost came, then they were removed to the conservatory, where they put forth new growth, and bloomed freely for some time. · Sowing at intervals would insure a profusion of blossoms all the year round, Both the tall and the low kinds are pretty; the latter is excellent for bedding purposes and rockeries, while the former is charming for draperies, to cover unsightly objects. The climbers grow 12 feet high and more, for I have cultivated some which grew and climbed until they reached the top of the house, and I gathered bouquets every day, never allowing seed-pods to form, as I merely desired the blossoms.

At the same time I sowed these, I sowed four seeds in a 12-inch pot, scattering Sweet Alyssum all over the top, and that was indeed beautiful. The Nasturtiums began to bloom the 19th day of May and continued through the season and the Alyssum was in full bloom for a long time. Truly this was decorative and it

NASTURTIUM graced my drawing room, the pot being set in a jardiniere. This pot of plants received every care and attention, always being kept moist. All decayed blossoms and foliage were removed at the proper time and they were trained on a wire trellis.

THE CYCLAMEN.

Cyclamens are among the most beautiful plants for coloring, form, and beauty of foliage. are seldom seen in dwelling houses, and I scarcely know why such fine plants have not become more generally cultivated. The Cyclamen is rather a tender perennial, yet adapted to a north window where there is a good light, as sunshine is not essential to its best estate. In this particular it resembles the primrose, as also in its free blooming habit under good

The Cyclamen is easily propagated from seed. It is a bulbous-rooted plant. The bulbs, or more properly corms growing almost entirely above the ground. The seeds are nearly half as large as sweet peas and covered in rich mold with proper amount of moisture will in time germi-



nate and send up fine little plants. The seeds germinate slowly taking four or five weeks to show above the soil, but about every seed planted may be expected to appear in time.

Seeds planted in the summer will be ready to bloom in the fall of the following year. If seeds are sown early in the spring in the house and the plants kept growing through the summer, a few blooms will be given the next winter.

The leaves are heart-shape, more or less scalloped on the margin, and beautifully mottled on the surface with dark and light green and white, so the plant is an attractive object even when not in bloom. The flowers are borne singly upon a slender stalk.

The flowers are white or variously tinged, or blotched with rose color, and frequently rose-colored or rose-purple throughout.

When the plants have ceased blooming they may be turned out into the border to remain till September, then taken up and repotted, using softbaked pots provided with good drainage. When buds begin to show, an occasional application of liquid manure will stimulate the plants and insure fine foliage as well as abundance of blooms.

The top of the corm should not be covered with soil, but remain about level with the rim of the pot. Those preferring not to wait for the slower process of raising their plants from seed, can procure the corms of seedsmen at the time when Holland bulbs are offered, or plants already started may be procured of the florist. The corms should be potted singly, and when the flowers begin to fade pluck them off unless seed is desired. When the leaves turn yellow and fade, the plants should gradually have less water, until finally dried off. There are two varieties of these plants: Cyclamen Persicum is the smaller and of many colors, the pure white one being of rare beauty; the newer, improved kind, is known as *Persicum giganteum*, and is characterized like the other by beautiful foliage and profusion of bloom.

Questions and Answers.

Please tell me how to cut potatoes for planting, to obtain quality not quantity in yielding.

The quality of potatoes depends largely upon other conditions besides those relating to the manner of cutting the sets. The seed potatoes must be free from scab or the scab fungus destroyed before planting, and the soil must be free from scab fungus, and be free from excessive moisture. piece of sandy land naturally or artificially drained is best. Theoretically, cutting seed potatoes to single eyes is the correct method, for usually there are too many stems growing together resulting in many small potatoes and few large ones. Single eye sets overcome this trouble, and we have had very good results in this way; but it must be said that there are apt to be many sets that fail to make successful plants. The reason for this is that the young plant when first starting is obliged to rely for its support on the starch in the piece of tuber, and if this piece is too small the supply is insufficient and the set is a failure. Two evecuttings, on as large a piece of tuber as possible, are, therefore more reliable. These sets can best be planted about twelve inches apart in rows; or if planted in hills two and a half feet apart place two pieces in each hill.

I wish advice in regard to a plant.

It is an Asparagus plumosus. I haven't been able to find anything on the culture of the class in general. My plant was very thrifty, had been transplanted once, into light, sandy, rich soil-the preparation used for begonias—and needed another transplanting. I gave it that, but in so doing the soil cracked across the top and firming it about the roots necessarily disturbed the roots somewhat. Then I was careless enough to leave it exposed to the sun, for a time, the following I found a new shoot wilted down and took the plant, sprayed the foliage and set it in a cool dark room. It revived but the shoot wilted easily on change to warmer room. I gave it some liquid manure also and after awhile some salt, with a plenty of water, knowing it to be a native of the salt marshes. The leaves are yellow and are nearly all fallen off.

Asparagus plumosus requires a strong rich soil. There is no doubt that the salt injured the plant; it does not like salt water. It would be better to repot the plant at once in some new good soil and water and spray it thoroughly every day. Do not keep the plant in the shade but give sunny place, or at least where it will always be in a good light.

Will some one kindly inform me through your Magazine what ails my lily-of-the-valley and also black calla? Both were started in a dark cool cellar and got about an inch high and there they Soil has been changed from rich to middling, but still they will not grow.

The best thing to do with lily of the valley is to plant it out in the garden. If it was intended to be brought into bloom in the house it should not have been started in a cool place, but in heat. The black calla wants heat and plenty of moisture,

MRS. BARRY'S HEARING

"My!" exclaimed old Mrs. Barry, as, with the freedom of one privileged, she walked without knocking into the bright and cozy kitchen of Miss Mora Minturn, "whatever does smell so good? Seems," with another sniff, "as ef it might be chili sauce

Miss Minturn, in a trim gown of dark blue print, protected by a great "bib" apron of turkey. red calico, nodded and smiled as she place a chair

for her unceremonious visitor.

As a rule, people in Tattleton were averse to exercising their lungs for the benefit of Mrs. It was almost impossible to make her hear, and if you succeeded in doing so, you were more than liable to be misunderstood.

"Air you goin' to eat all that yourself this winter?" demanded the newcomer with her blinking eyes fixed on the big granite kettle two thirds filled with the pungent, crimson, appetizing mix-

Miss Minturn felt that a nod and veracity would not be at variance, so she turned toward her questioner and called out loud and clear:

Most of this is for a person who has such an attack of rheumatism she could not pick the tomatoes and onions and peppers and put them

up herself." Mrs. Barry continued to look at her blankly and Mora Minturn went up close to her

inquiringly. Mora Minturn went up close to her "Part of the sauce," she exclaimed close up to her ear of her guest, "is for Mary Ann Cotter, who lives in the Hollow."

"I should think his help could do that much cookin' for him!" declared the old lady. "He keeps enough of 'em. I allus wondered, Mora seein' as how the talk has kinder got round to it— what for was the reason you and Marion Potter, of the Hall, didn't git married years ago, seein' you was sparkin' so long.'

Mora smiled as she noticed how the old woman had confounded the two names, which until this moment had never struck her as being similar.

'I said Mary Ann Cotter, of the Hollow, Mrs. Barry!" she shouted.

The old woman flung up her hands with a gesture of irritation.

"I'm a little hard o' hearin', I allow, but I ain't so deaf that I ain't heered what you said. Some o' that there good-smellin' chili sauce is for Marion Potter, of the Hall. Now you see.

Miss Minturn smiled as she went back to the stove and fished her net bag of whole spices out of the thick, red compound. It was useless to impress the truth—to attempt to impress it, rather on convinced Mrs. Barry. But she made her a cup of tea and brought out some snowy tea cakes her delectation, and listened patiently and with apparent interest to her babble, until the prosy soul took it into her head to depart and hobbled off down the white, winding road.

A serious look came into Mora Minturn's face as she went on sealing up her chili sauce in the little wide-mouthed jars she had saved for the

purpose.

Marion Potter! So people had not forgotten about her engagement to him twelve years ago. What was the foolish trifle about which they had quarreled? And she had sent him back his ring with a few bitter words expressive of her satisfaction at having discovered her mistake in time.

She had She had been wrong—all wrong. other suitors after that, to be sure, but she had found herself comparing them to Marion Potter, invariably to their detriment, and had discouraged all such attentions. And now that her mother was dead, and the boys were gone and married, and she lived alone in the cozy little homestead with only the orphan nephew she was bringing up, she found it lonely at times-very lonely.

Walking across the kitchen, she regarded her reflection in the little walnut-bound mirror that hung near the window. The face that looked back at her was fresh, unwrinkled and pink-cheeked, despite her thirty-six years. Her simple, active, kindly life had kept her youthful in mind and But she sighed as she turned away.

At that hour Marion Potter, stalwart, bearded, gallant of bearing, was riding his huge black horse slowly homeward through the mellow sunset light. Many a maiden had sent him shy glances of admiration—many who would have been honored by his homage since those old days when he was known as the lover of Mora Mintum. But he was not the man to give his heart twice nor to do a woman the injustice of offering her mere affection. So, surrounded by his books and dogs, he lived out his own life at his beautiful home on the hill.

Look out!" he cried, suddenly reining "Hallo! "By George, but I nearly rode over you

The old woman coming toward him, who had so unexpectedly darted forward almost under his horse's hoofs, lifted a complaisant countenance, framed in by an antiquated poke bonnet, as she demanded.

"Don't you want to hire my sister Jane's Eliza,

Mr Potter?

"No!" roared Marion Potter, who was aware that she was a little deafer than the proverbial "Why should I? I have three servants post.

Mrs. Barry comprehended, for she went on per-

"But Jane's Eliza can cook, Mr. Potter. An" if you take her, you wouldn't have to be havin' your chili sauce made out by Mora Minturn.'

Mr. Potter gave a start.

"Eh? Steady, Kate! What were you talking about Mrs Barry

Mrs. Barry did not hear him. She mumbled

on, however, and he listened. Says I to her, when I happened in there just 'Be you goin' to eat all that chili sauce yourself this winter?' An' she 'lowd that she was makin' some of it for you. Now, if your help ain't able to do that much 'ithout your givin' it out, I jist think it 'u'd pay you to have Jane's

Eliza to do your cookin'. Mr. Potter nodded leniently. He swerved his horse to one side, smiled back at Mrs. Barry, and rode on, Mora Minturn unconsciously filling all his thoughts.

Of course there was a mistake somewhere. But chili sauce! He could not remember when he had tasted it. To be sure his housekeeper was not an adept at preparing table delicacies.

Why he turned his horse's head out of the road leading to the Hall and rode down that which led to the Minturn homestead he could not have told to save his life. Indeed, he was not aware that he had done so until the tempting odor of sliced tomatoes assailed his nostrils, and at the same second he caught sight of Miss Minturn in her garden, snipping away at some belated blossoms of marigold, phlox, honeysuckle and mignonette.

So familiar the scene! So sweet and peaceful the place! So suggestive of home the trim form moving among the withered bushes! Could it be that twelve years has elapsed since he came here to visit his sweetheart? He swung down, secured Kate to the gatepost, and walked up the path.

'Mora!" he said as he neared her.

She straightened up. Her garnered spoils fell from her apron. The pink in her cheeks deep-ened. She felt distinctly glad that she had put on her new maroon house gown.

"I met old Mrs. Barry a little while ago," he went on hastily. "She said you were putting up some chili sauce for me.

"Oh, did she say that? I could not make her understand that it was for old Mrs. Cotter-Mary

Ann Cotter, of the Hollow.

"I say!" called a boyish voice, "that you, Mr. otter? Never knew you to come up here before. Potter? Say, that setter you gave me is a daisy! Are you going to stay to supper? Is he, Aunt Mora?" coaxingly.

"If-he will "

"Of coarse he will," decided the unconventional nephew of Miss Minturn. "Come and see my safety

He dragged his captive off in triumph. Such a supper as Mora got up in a short space of time "might tempt a dying anchorite to eat." The crisp broiled chicken, with the tiny, transparent rolls of, bacon surrounding it; the brown French fried potatoes, piping hot; the light, spicy ginger bread; the feathery biscuit; the old-fashioned strawberry preserves; the fresh-brewed, fragrant

Dick did most of the talking at supper-there was no doubt of that. But when Mora walked down to the gate with Mr. Potter, about nine o'clock, he had two jars of the chili sauce, which at supper he had so praised, under his arm.

"Mora," he said, "I've seldom seen you for several years, although we have lived so near to-I am glad of this chance to say how sorry I have often been for my dictatorial tone that time, years ago. I was wholly in the wrong.'

"No-! I was too self concentrated. It was I

who was wrong.

"Mora, is it too late to forgive, forget and amend now?"

She held out her hands to him. He had to put the two jars of chili sauce down on the gatepost to take them Kate neighed impatiently. called from the lighted doorway. Around the re-united lovers closed the darkness, sweet with a thousand delicious autumnal scents.

"Guess, Aunt Mora," grunted Dick, disdainfully, next morning, "Mr. Potter didn't care much for your chili sauce, for all he begged for it so much. He went last night and left the jars stand-

ing on the gatepost."

EACH

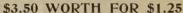
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Nature Study

- SPIDERS.

PIDERS form a small and distinct group of animals, and are related to the scorpions, daddy-long-legs, mites, and less closely to the crabs. Their bodies are more completely divided into two parts, the head and thorax forming one piece and the abdomen the other. They have

eight legs, with which they run, jump or climb, though they often use the front pair as feelers, holding them stiffly up in front, and walking with ease on the other six.

The hind pairs of legs are used, sometimes one, sometimes both, in spinning, the spider at the same time walking or climbing about on the

At the end of the body are the spinnerets, of which there are three pairs, the spider's thread differing from that of insects in being made up of a great number of finer threads laid together and forming one. The making of webs, more than anything else, marks the difference between spiders and other animals. When the spider begins a thread it presses the spinnerets against some object and a little of the sticky substance from each tube adheres to it. Then, as the spider moves, the sticky liquid is drawn out and hardens into threads, one from each tube. It is the habit with spiders to draw out a thread as they walk along, and it is these threads that so often get on

The Greek name for spider is arachne. The old story goes that the maiden Arachne was turned into a spider because she boasted she was a better spinner than Minerva.

The English name is also connected with the art of the true spider, for spider comes from "spinder," the spinning one, and spinster, a word we often use, was the name given long ago to the mistress of the distaff.

Spiders are usually divided into two principal groups; Sedentary and Wandering. The former are the stay-at-homes, the latter are the runabouts.

The first spin webs in which they catch their prey, while the Wanderers hunt for food upon the ground, water, or trees, and choose no fixed home except at breeding time or in the winter.

Under these two heads come many classes: the Orb-weavers, so called from the beauty and shape of their webs; the Line-weavers, whose snares of netted lines are the common domestic "cobweb;" the Tunnel-weavers, including the trap-door spiders, and the Turret-weavers, who take such remarkable care of their young from the egg cocoon to the time when the little spiderlings can shift for themselves. The spiders, as they grow, "moult" from time to time, that is, shed the skin which has become too small. Have you

never seen hanging on a web a curious skin-like shell? That is the old suit of clothes. It gets too small, and cracks just over the first joint of the legs. It breaks next all along the sides and back and shrinks together in a

The spider now hangs by a short thread and works and struggles to get her legs free. This often takes as long as fifteen or twenty minutes, and when the old clothes are fairly shed, she hangs, quite tired out, by her thread, and would not attempt to move should you touch her with a

She keeps very still till her legs get a little stronger, then she draws them up slowly; then works them up and down several times till quite sure they are limber, and then climbs once more into her web.

One naturalist tells of noting nine moults in a pet spider he kept for several years.

Many species and among them some of the largest, live only one year, hatching in the winter, leaving the cocoon in early summer, laying eggs and dying in autumn. Other kinds require two years to get their full growth. Some species are found at all seasons and many live several years. The evening is, perhaps, the best time to watch our spinning friends. As early as five o'clock in the afternoon some species begin, though their plans are more or less affected by the weather

During the night spiders may be found upon their webs and busy, but to study their webs, and see their marvelous beauty, there is no time like a dewy morning. Many of the cocoons and nests are of great beauty, combining in a most artistic manner the use of leaves, moss and blossoms with quantities of the same silk which they use for webs and snares. A folded leaf is very popular among the Orb-weavers as a site for a home. The leaf is rolled so as to make a hollow tube, bound together with threads of silk, and often lashed to a nearby leaf, so as to be more steady

On a low bush, on some sturdy stalks of grass, on ferns, under stones or bits of board, look carefully if you wish to find these silken homes, artfully concealed by the watchful mother.

Like all other living creatures the spider is a prev for other members of the animal kingdom. The roving bird pounces down and in a second destroys the labor of days, and perhaps gobbles up the little family. The mud-dauber wasp is another fierce foe, and against these the intelligence of the mother spider spreads the curtain of silk, the sheltering leaf, or the seeds of grasses artfully disposed. In truth spiders seem to live in continual fear of enemies. Their whole life is a warfare, either for the protection of themselves, or to entrap those insects upon which they feed. are constantly in hiding or lying in waiting. no office does one observe the use of so much intelligence as in the care these creatures bestow upon their homes and spiderlings, whether they live in caves where there is perpetual darkness, or on the surface of the ground in the sunshine and air. The eggs are laid in a little bunch and then covered with the soft fine silk which the mother spins, sometimes just in an oval mass, but in some species in a pitcher-like receptacle, protected by netted lines, sometimes firmly anchored, sometimes hung by long threads so that the little spiders are fairly rocked in it.

Most spiders make but one cocoon, but among the Orb-weavers are some species which make several. These are not made all at one time; but several days elapse between the various spinnings. The cocoons will usually be found near the place where the mother has lived, the Sedentary spiders passing their lives within a small area, nearly always where they chance to spread their first snare. As with birds, the food supply is usually the first consideration, for although spiders are frequently at the mercy of the wind and are carried great distances when they are young, they cannot long sustain themselves or bring up families where it is impossible to get a good supply of insect food. The number of eggs within a cocoon differs very much, some kinds of spiders laying as few as forty, some as many as twentytwo hundred.

The devotion of the mother spider is well known, and it is necessary in order to protect the cocoons from the numerous enemies always ready to attack them, among them being our old friends the Ichneumon flies, who also annoy the cocoons spun by caterpillars. -N. Hudson Moore.

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The MYSTERIOUS PHOTOGRAPH

CHAPTER I.

Even in that transitory glance I recognized the face—recognized it as I should have done, no matter how unexpectedly it dawned upon me. Not that it could come more unexpectedly than here, on this bleak, country road, along which I was returning from a visit to one of my distant patients.

It was a dismal wet afternoon, and the wind drove fiercely into my face as it howled past. Wrapt in thought, I had been for some time jogging along, when suddenly the sound of approaching wheels aroused me, and looking up as well as I could for the rain, I saw a quiet, covered carriage coming towards me.

I looked at it with some little surprise, for familiar as I was with my neighbors for miles around, I failed to recognize it. Both carriage and driver, I saw at a glance, were strangers in this part of

the country.

It was traveling a tolerable pace; but as it swept past, I caught a glimpse of a face at the window, which seemed to flash out on me with a mute, wistful look of entreaty. The glance had been a momentary one; but, for all that, I had recognized those soft, delicate features, and sweet, grave eyes, as the originals of those I had dreamed over so often in a little photograph I kept so carefully treasured at home.

Like a man in a dream, I checked my horse, and stayed watching the carriage until it turned an angle of the road and was lost to sight. Then, with the same dumb feeling of surprise, I touched the rein and rode slowly and thoughtfully back to my comfortable home at Clunbury. My dinner was waiting for me on my arrival, a bright fire burning in the grate, and everything looking its cosiest and brightest; but somehow, all these things were lost upon me tonight. The memory of that sad, sweet face that had flitted past me on the wet, drear road, engrossed my thought so entirely that I could think of nothing else.

And now, after this confession, you are probably setting me down as some romantic, senti-mental youth of nineteen or twenty, instead of a

world-worn man of thirty-five.

As my father had been before me, I was the principal surgeon of Clunbury, in the enjoyment of a tolerably good practice. To my father's proposal that I should enter the medical profession I had offered no objection; but I made one stipulation, which was that after passing my examination, I should go to sea for a few years as ship's surgeon. A love of the sea had long been with me an intense though secret passion; and in spite of the opposition I met with I succeeded at last in carrying my point, by inducing my friends to obtain for me the berth I desired on board one of the steamships belonging to the Oriental Company

Three months, my father prophesied on parting with me, would be sufficient to cure me of my roving propensities; but in this he was mistaken, for I was very well satisfied with my new life, and continued voyages to and fro for several years.

To be sure, I quitted my sea-going life at last, and came and settled down in the quiet old home at Clumbury; but not because I wearied of it, or grew tired of the sea. It was for my father's sake; for at the end of the last voyage I ever made, I came home to find him ill and confined to his bed.

I had left him a hale and hearty man of fifty, and I found him on my return hopelessly shattered in health, and bowed down beneath a weight of premature age. He had been a widower for years, and for myself, quite childless and friend-So it was no wonder I could not find it in my heart to leave him again.

During my father's illness I took upon myself

the charge of his patients; and when at last his death left me lonely and desolate in his old house I had worked myself so thoroughly into the daily round of duties belonging to the medical man of Clumbury, that I had no thought of quitting it.

But to return to the subject of the face at the carriage window.

It was while on my last voyage to India that I had met with the photograph of which I had no manner of doubt it was the original.

Among our passengers was a Mrs. Lloyd, a bright, pleasing little lady, who was going to join her husband in India, and who, in the absence of anything more exciting, used often to laugh and chat with me on deck, evidently thinking a little good-natured flirtation with the sober-looking surgeon a very harmless amusement indeed.

I remember one evening, in the still, calm glory of a crimson sunset, that a group of ladies were seated at one end of the deck, quietly chatting among themselves, and, among other things, discussing the powers of photography.

Of course this led to a general display of albums, and a warm and merry criticism of their contents,

in which I was speedily called upon to join.
"Mr. Percy," Mrs. Lloyd suddenly exclaimed, "vou have not condescended to glance into my album, and I particularly want your opinion on my collection of photographs.

But perhaps if I criticise your friends, Mrs. Lloyd, you will be displeased with me," I replied

taking a seat near the speaker.

"Not unless you are dreadfully severe with them," she replied, showing her white teeth as she smiled up at me from under the rim of her broad hat

Mrs. Llovd's collection of photographs was at once a large and good one; and without knowing the originals, I could see that most of the photographs were excellent likenesses of those whom

they were intended to represent. Under each the name or initials were written; but at last I came upon one without either. It was a portrait taken in the vignette style; and of the many faces, pictured and living, upon which I had looked in the course of my life, I had never seen one at all resembling this.

Why it should be thus singled out, I could not easily have explained; not because of its sweet, pure, girlish beauty, though this might have rendered it sufficiently marked; but there looked out from those loving, earnest eyes a charm nothing but a pure and lofty intellect can impart.

I suppose most people, at some period or other of their existence, have felt the fascination a particular combination of features and expression is capable of casting over one's feelings and senses: and so it was with me now as I sat lost in thought.

gazing dreamily at the photograph.

"This is too bad, Mr. Percy!" presently exclaimed Mrs. Lloyd, putting a white hand over the picture, and making an effort to draw the album out of my grasp, "I can't possibly allow this sort of thing any longer. You have been staring at that photograph for the last age, and totally ignoring my presence the while. It is not right, you know; besides, the photograph is incapable of appreciating your attention.

The voice and touch recalled me to myself; and with a little unconscious sigh I looked up, intending to offer some apology for my ill manners.

I fancy something in my face struck my com-

panion with amusement, for she laughed a little wicked laugh, either at that, or at the sigh I had so involuntarily breathed a moment before.

"Pray, Mr. Percy, what was the cause of that melancholy sigh?" she asked. "Can it be that she asked. "Can it be that you have been falling in love with some one or other of my lady friend's carte de visite? see which it is that has achieved so signal a triumph, and whether I can give you any hope of success. Dear me!" she added, as, having glanced at the photograph that had so interested me, she gave her shoulders a little suggestive shrug. this the one that has so fascinated you? If it is, I fear your case is hopeless indeed.

"Are you going to tell me that the lady is already engaged?" I asked, with an assumed air of

gaiety, while a disagreeable feeling of disappointment crent over me

"Worse than that Mr Percy." "Married, then?" I replied.

"Worse still, as regards your chance of ever beholding her," she returned, quietly

"Good heavens! not dead? That bright, glo-

rious face is not in the grave, surely

'Not that I am aware of: but if such were the case. I'm afraid your chance of meeting the original would be scarcely more hopeless than now. The fact is, I do not even know who the lady is, or where she lives, or anything whatever about A few months before I left England, I picked up the photograph on the platform of one of the London railway stations. It was in a blank envelope, without a word of writing that might have given some faint clue as to the person who dropped it. I liked the face-in short, it fascinated me somehow, as it does most people, with its pure, starlike beauty; and so I put it into my album, where it has ever since remained. many people who have seen and admired it not one has ever recognized the face. I mean to keep it, though; for some day or other, by a singular coincidence, I may meet the original. It would be strange if I did. would it not?"

"Very; but, as you just told me, I think your chance of doing so is very remote. After all, the photograph may have been taken from an old picture; and the bright young face gazing out at us from your album may long since have faded into old age or the stillness of death," I replied.

"As to your first supposition, it may be correct, Mr. Perey; but not so the last," replied Mrs. Lloyd. "The photograph could not have been taken more than two or three years ago.

"How can you be so certain of this?" I inquired,

with a little surprise.

"By the dress. Don't you see the style is one worn a few seasons back? The costume fixes the date beyond dispute."

I should never have thought of this; but I felt she was right, and accepted the conclusion in silence.

"And so this is the history of the mysterious photograph?" I presently remarked, half musingly.

"Yes," was the response, so far as I know it; but it is my opinion I shall be compelled even-tually to banish it from my album; for my gentlemen friends, one and all, make a point of falling hopelessly in love with it."
"Not quite all, Mrs. Lloyd. I for one beg not

to be included in that merciless all of yours. prefer not to bestow my heart upon so mythical a 'I replied, as I rose from my seat and walked away to the other end of the deck.

Some hours later, on the same evening, I was leaning thoughtfully over the ship's side, watching the waves as they rolled past in the still moonlight, and from every one of which the star-like face of the mysterious unknown seemed to smile up at me with a strange haunting beauty.

How long this employment lasted I am unable to say; but presently I found myself pacing thoughtfully up and down the deserted deck. All at once an object that shone out bright and sparkling in the moonlight, arrested my attention near the spot where Mrs. Lloyd and the other ladies had been sitting a while before. On stooping to pick it up, I found it to be nothing more nor less than the album which contained the photograph that had so fixed itself in my mind.

I opened it at random, and there, in the clear, still light, looking up into my own, was that face

that had so fascinated me.

The moment was one of sore temptation-a temptation that certainly was not resisted, for I there and then committed my first and only theft.

I felt rather guilty as, having extracted that one photograph, I laid the album back on the spot where I had found it.

When Mrs. Lloyd first discovered her loss, or whom she suspected, I cannot tell; for, a few days after, she, with the rest of the passengers, disembarked, taking with her the album, which I had seen her pick up on the morning following; and leaving me in possession of my treasure.
(To be concluded in the March issue.)

CURRENT EVENTS marble and bronze with the under-

Baron Wilhelm VonRothschild, head of the great banking firm of that name died at Frankfort January 25.

A dispatch from Hoilo January 26, announces that 50,000 Filipinos had sworn allegiance to the U.S. in that

With the discovery of oil in Texas it is announced that the Standard Oil Company has already leased 100,000 acres of land near the Beaumont well.

Several professors in Leland Stanford Jr., University have resigned because their theories and teachings are not in harmony with the institution.

The aggregate losses by the great Montreal fire are estimated above \$2. 500,000. Altogether, about thirty wholesale establishments with their contents were destroyed.

January 24, Andrew Carnegie authorized Mayor Maguire of Syracuse to erect a suitable library building in that city not to cost more than \$260,-000, and to draw on him in installments of \$50,000, up to that amount, as it is needed.

Nikola Tesla thinks that possibly he has found a substitute, in his "Sanitary light," or "artificial sunshine," for gas and electricity for lighting purposes. He calls it his "first great gift to the new century." Tesla makes a beautiful light; the reporters have

At an advanced age, the great Italian composer, Guiseppe Verdi, passed away at Milan the other day. author of "Il Trovatore" was a great musical genius. Honors were showered upon him, and in Italy especially, he was regarded with great popular affection.

The investigation of Bellevue Hospital and inditment of three nurses for manslaughter, has brought to light a terrible condition of affairs in that institution, but the condition is probably not materially different there than would be found in any of the other institutions of a like nature in different parts of the country: They are all, more or less, in the language of the inspector, whited sepulchers.

Very little change is reported in the condition of affairs in South Africa: Although unimportant victories have been recorded on both sides, the Boers lumbia University, who, according to seem to manifest as strong derermination as ever. "to die in the last ditch." As the season approaches when fever prevails in that climate the Boers may trust the ravages of disease to accomplish what they cannot do with bullets. Altogether the situation presents a melancholy picture.

Professor Elisha Gray, one of the world's greatest inventors died in Newtonville, Mass., Jan. 21. The latter years of his life were embittered by the belief that he had been fraudulently deprived of the credit of inventing the principle of the telephone. His reputation does not however, depend upon the disputed claim. electrical science, his name will stand by the side of those whose memory the world will not let die.

The Naval Alumni Association has taken up the plan for the perpetuation of the Dewey Arch recently abandoned by the New York citizen's committee, zine to your friends and securing their The idea is to rebuild the arch, in subscriptions.

standing that it is not merely to be a memorial of the engagement of Manila Bay but a tribute to the entire navy, and its glorious achievements in all the wars in which it has been engaged. Admiral Dewey gives the new movement his hearty support.

The disgraceful lynching of the negro Anderson, at Leavenworth, Kan., by a mob of 8,000, is followed up by the crusade of Mrs. Carrie Nation against the saloons of the state which are doing business in violation of the law. She says; "We have been praying and waiting for the laws to be enforced and the traffic stopped. If the W. C. T. U. had started out with prayers, songs and hatchets twenty-five years ago, there would not be a saloon in the country to-day. Mrs. Nation is a forceful character and the wrecked saloons along her pathway show that she is no ordinary person to be reckoned with.

The death of Queen Victoria Janu-22, and the ascension of Edward VII. has been the great event to absorb universal attention since that day. Her name will go down to posterity as one of the greatest personages of history, not only because she actually reigned longer than any other ruler of Europe, nor because of the marvelous changes in history, nor because of the illustrations men who stood near the throne in guiding the affairs of state, but because she loved much and was so greatly beloved. At the time of her death, she ruled over 388,000,000 people as Queen of England, and Ireland, Defender of the Faith and Empress of India.

Ex-maoyr Hewitt, in a notable letter to the "Sun", says there are 20,000 cousumptives among the tenement dwellers of New York, and 6,000 deaths annually. He appeals for \$100,000,000 with which to clean out the tenement district and create better conditions for the poor, and thus check the spread of the disease. Owing to its infectious nature, Mr. Hewitt agrees with the physicians who hold that "the danger from fire is infinitely less than from tubercnlosis," It is proposed to raise money for this purpose by subscription, to interest capitalists, and if this fails, to have the city take

it up as a measure of protection.

Professor Michael I. Pupin of Co-Tesla, is one of the greatest scientists of our time, comes out with an invention, after years of experiment, which he claims will make ocean telephony an assured fact. The American Telephone and Telegraph Company have already acquired the patents. The invention will do away with expensive copper wires, and use steel instead. By the attachment of wire coils oneeighth of a mile apart, it will do away with the difficulties of rapid ocean telegraphy, which electricians have tried in vain to overcome. The coincident of the discovery of the planet Neptun eby Le Verrier and Adams at the opening of the nineteenth century, and Professor Pupin's discovery at the opening of the twentieth century, both as the result of the most abstract mathematical calculation.—has been

Lend a hand by showing this maga-

YOU SHOULD NOT NEGLECT YOUR KIDNEYS

Because if Kidney Trouble is Permitted to Continue Fatal Results Are Sure to Follow.

Weak and unhealthy kidney's are responsible for more sickness and suffering than any other disease, and if permitted to continue fatal results are sure to follow.

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So when your kidneys are weak or out of order you can understand how quickly your entire body is affected, and how every organ seems to fail to do its duty.

If you are sick or "feel badly" begin taking Dr. Kilmer's Swamp-Root, the great kidney, liver and bladder remedy, because as soon as your kidneys are well they will help all the other organs to health. A trial will convince anyone.

Among the many cures of this wonderful medicine, Dr. Kilmer's Swamp-Root, investigated, the ones which we publish this month speak in the highest terms of the wonderful curative properties of this great remedy:

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"I had been out of health for a long time, and I wataking medicine from a doctor's prescription when received your sample bottle. I stopped taking the doctor's medicine and used the sample bottle of Swamp Root. I afterwards took two of your large bottles bought at my drug store, and they circle me entirely and have not feltso well for years. I thank you very much for sending me the sample bottle."

D. W. SMITH, 1821 Center St.



D. W. SMITH.

MRS. H. N. WHEELER

Mrs. H. N. Wheeler, of 117 High Rock St., Lynn Mass, writes on Nov. 2, 1900: "About 18 months ago I had a very severe spell of sickness. I was extremely sick for three weeks, and when I finally was able to leave my bed I was left with excruciating pains in my back. My water at times looked very much like coffee. I could pass but little at a time, and then only after suffering great pain. My physical condition was such that I had no strength and was all run down. The doctors said my kidneys were not affected, and while I

Did Not Know I Had

Kidney Trouble,

I somehow feit certain my kidneys were the cause of my trouble. My sister, Mrs. C. E. Littlefield of Lynn, advised mo togkve Dr. Kilmer's Swamp-koot a trial. I get relief. I followed up that bottle with another, and at the completion of this one found I was completioured. My strength returned, and today I am as well as ever. My business is that of canvasser, I am on my feet a great deal of the time, and have to use much energy in getting around. My cure is, therefore, all the more remarkable, and is exceedingly gratifying to me."

MRS. H. N. WHEELER.

Swamp-Root will do just as much for any housewife whose back is too weak to per-form her necessary work, who is always tired and overwrought, who feels that the cares of life are more than she can stand. It is a boon to the weak and ailing.

Sample The mild and immediate ache, lame back, dizziness, sleeplessness, nervousness, heart disturbance due to Swap-Root, the great kidbadkidney trouble, skin eruptions from bad blood, neuralgia, rheumatism, diaremedy, is soon realized betes, bloating, irritability, wornout feeling, lack of ambition, loss of flesh, cures of the most distressing cases. Swamp-Root will set your whole system right, and the best proof of this is a trial.

You may have a sample bottle of this famous kidney remedy, Swamp-Root, sent free by mail, postpaid, by which you may test its wonderful curative properties for such disorders as kidney, bladder and uric acid diseases, poor

bad blood, neuralgia, rheumatism, dia-betes, bloating, irritability, wornout feel-ing, lack of ambition, loss of flesh, sallow complexion, or Bright's disease. If your water, when allowed to re-main undisturbed in a glass or bottle for

twenty-four hours, forms a sediment or settling or has a cloudy appearance, it is evidence that your kidneys and bladder need immediate attention.

Swamp-Root is pleasant to take and is for sale the world over at druggists in digestion, when obliged to pass your bottles of two sizes and two prices—water frequently night and day, smarting fifty cents and one dollar. Remember or irritation in passing, brick-dust or the name, Swamp-Root, and the address, sediment in the urine, headache, back-

SPECIAL NOTICE.—If you have the slightest symptoms of kidney, liver or bladder trouble, or if there is a trace of it in your family history, send at once to Dr. Kilmer & Co., Binghamton, N. Y., who will gladly send you by mail, immediately, without cost to you, a sample bottle of Swamp-Root and a book containing many of the thousands upon thousands of testimonial letters received from men and women cured by Swamp-Root. Be sure to say that you read this generous offer in the Vicks Family Magazine.

Eben E. Rexford

Horticultural Gossip.

Those who order new plants this spring will do well to include the New Browallia, speciosa major, or, as some florists catalogue it, giyantea. I have found it a most excellent winter bloomer. Since December, it has been covered with flowers of a rare and most delightful shade of blue. think I can safely say it is our best blue winter flowering plant. It thrives under the treatment given the Geranium. Anybody can grow it well, as it is not one of the plants which needs coaxing and coddling.

Another plant which ought to be in every collection is Begonia Gloiro de Lorraine. This has been wonderfully praised, but, unlike most "great acquisitions," it deserves all that can be said in its favor. Plants in sixinch pots have borne hundreds of flowers at a time, for weeks, and there is no sign, as yet, of diminution in quantity or quality. Each plant is a perfect mass of bright pink bloom. For dinner-table decoration we have nothing finer. A growing plant, set in a bed of Ferns, is an ornament dainty and brilliant to satisfy the most fastidious. By all means, get a plant or two of it this spring.

At this season of the year, Pelorgonium ought to be encouraged to make vigorous growth, preparatory to spring flowering. Either repot them with fresh, strong soil, or apply some good fertilizer to the old soil. Fine bone meal will be found excellent. Dig it in well about the roots of the plants. Give them an airy place, and a sunny one. Keep the temperature as nearly 65 degrees as possible. We make a mistake in giving these superb plants too high a temperature. This encourages a rapid, weak growth, which too often results in a failure to produce flowers. It is also necessary that we keep these plants free from insects if possible. Next to the Rose, the aphis, or green fly likes the Pelorganium, and, if let alone, he soon injures it greatly. Because of the nauseating smell of Tobacco, either in smoke or infusion; most women who grow these plants neglect to wage war against the insects which infest them, until they are so weakened by their ravages that they do not have the vitality necessary to the production of flowers. I make an insecticide that costs next to nothing; it is easy to prepare, pleasant to use, perfectly safe, and extremely effective. It is simply the Ivory soap of household use, in the proportion of a quarter of a pound of it to ten or twelve quarts of water. Shave it up fine, cover with warm water, and set it on the stove to melt. When liquid, add it to the water, and then dip your plants in it. Leave them in it for half a minute, at least. I have never found anything among the expensive insecticides which was equal to this home made one. Any one can prove its efficiency with little trouble and slight expense. Since I began to use it, I have found it an easy matter to keep the aphis where he belongs-and that is, away from my plants.

FLORAL GALKS | Scarcely a day goes by in which I do not receive a letter from some woman who owns a Palm, complaining that it "isn't doing well," and wanting to know what to do for it. Sometimes the leaves of the plant are turning brown. Sometimes they are covered with peculiar looking spots. Some-times the plant refuses to grow. Generally the browning of the leaf is attributable to poor drainage. Sometimes the change from greenhouse conditions to those of the living-room brings on a state of general ill health which is responsible for the trouble. Most persons fail to take into consideration the wide difference between greenhouse and dwelling house. In the former the air is always moist. In the latter, nearly always very dry, and very hot, and the combination of dry air and excessive heat soon tells on the constitution of a plant. Be sure to do all you can to make and keep the air of the living-room as moist as possible if you would grow your plants there. Shower them daily. Keep water evaporating on the stoves and Admit fresh air on all registers. pleasant days. Try to keep the temperature below 75 degrees. Examine the roots of the plants occasionally, and if they seem diseased, or the soil seems unduly retentive of water, be quite sure that the drainage of the pot is not what it ought to be, and remedy the defect by providing a drainage that will allow all surplus water to run off readily at the bottom of the pot. Light-colored spots on the leaves are generally attributable to insects, particularly the scale, which greatly injures the Palm. Fir-tree oil soap infusion will keep this pest from damaging the plants if applied promptly and thoroughly. Unless something is done to prevent the ravages of this enemy, the strongest plants will soon be damaged beyond chance of recovery. In watering Palms, give only enough to keep the soil moist, not wet. Use fertililizers only when the plants are growing. To give any plant strong food when it is standing still is to injure it, because it is not in condition, at such a time, to make use of strong food. It is like feeding a dyspeptic person food which he cannot digest because his stomach lacks tone. Wait till growth begins, and then apply your fertilizer,—weak, at first, and increasing in strength gradually. -Eben E. Rexford.

Mr. Rexford will conduct a depart-

ment regularly for this Magazine.

The Forcing of Greenhouse Plants.

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HOUSEHOLD * HELPS

Save all the stale bread, grate it, and keep it in a glass jar with lid.

This makes an excellent covering for fried veal, fried liver, croquettes and

When trying out fat cut a potato in the thinest slices possible and drop in while hot. This prevents a smutty look, and makes the fat clean and sweet

One woman, who looks with favor on linen and cotten bags for the nice keeping of certain articles of wearing apparel, has them made in different sizes and marked with her initials in red marking cotton.

Batting made from lamb's wool is now used for filling the best comfortables that are made. It is much warmer than cotton and very light. It comes in two and three pound sheets that are 76x84 inches.

In a certain well-ordered attic each box, trunk and package has attached to it a card telling the contents, so that no time is wasted in turning over and opening articles that have been put away with great care.

It sometimes happens that the butcher sends tough meat instead of tender. When he does, cut the steaks the day before required, into slices about two inches thick, rub both surfaces with a little baking soda.

When buying coffee, buy it only "in the bean" and not already ground, as many people do. It not only retains its delicious flavor much longer, but is more palatable and nutritious. Besides, its wonderful purifying powers are increased ten-fold.

Nickel and steel articles are polished by using emery powder mixed with a tablespoonful of turpentine. enough of the powder to make a thin paste and apply with a flannel. Finish with a piece of flannel dipped in a little of the dry powder.

An old -time but very effective remedy for an obstinate cough is to place three unbroken eggs in very strong cider vinegar (increase the strength by boiling if necessary). In three or four days the acid will eat the shells, then beat the mixture well, and thicken with honey. Take two tablespoonfuls before each meal.

Corn meal mush with milk is excellent, and mush or hasty pudding, sliced, dipped in egg and fried, is relishable and sufficiently hearty to meet the wants of those who do fairly hard labor. Indian pudding as a dessert is a dish fit for a king. The secret of making it rest with a few veteran cooks, but it should be found in every recipe book in the land.

Fresh fruits in season may be eaten as a dessert after every meal. Many children eat one meal a day of oatmeal porridge, after the fashion of the young members of the English royal family. Indeed, it is the children of the poor, or those in moderate circumstances, that are the greatest meat eaters. Meat is the most expensive and the least beneficial of all foods. It satisfies, but it inflames, stimulates and irritates, and will in time create abscesses and other diseases. and grains are the most wholesome and rational diet for intelligent men, women and children.

For the Housekeeners to Know.

Two cupfuls equal one pint. A pint of milk or water equals one

Sixteen tablespoonfuls equal one cup-

Two cupfuls solid butter equal one pound.

Four cupfuls flour equal one quart or one pound.

Twelve tablespoonfuls of dry material equal one cupful.

One dozen of eggs should weigh one and one-half pounds. Two and one-half cupfuls powdered

sugar equal one pound. Four even teaspoonfuls of liquid

equal one even tablespoonful. Three even teaspoonfuls dry ma-

terial equal one even tablespoonful. Skim milk is heavier than whole

milk, and cream is lighter than either, pure milk is 3 per cent heavier than

This list will be found invaluable to the housewife who should paste it on a card and hang it up in her pantry. does away with the necessity of lumbering up the place with weights and measures.

To Wash Blankets.

Put to boil a large boiler of water, into which you have placed a cake of pure soap cut into small pieces. Pour the water into a tub and let stand until luke warm, then add a tablespoonful of ammonia. Put the blankets into the water and with a stick, turn them over and over. Do not rub them. If very much soiled, use a second tub of water prepared in the same way. Fold smoothly by passing through the wringer and put into shape; then hang in the sun to dry.

To Cure a Cold in One Day.

Take Laxative Bromo Quinine Tablets. All druggists refund the money if it fails to cure. E. W. Grove's signature is on each box. 25c.

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A New Discovery.

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The Ouestion of Weeds.

BY PROF. L. H. BAILEY.

often asked the best way to destroy certain kinds of weeds. It is strange that farmers and gardeners do not see that the mere destruction of the weed is not the eradication of the difficulty. The proper inquiry to make is, Why do the weeds appear? If one knows what the reasons are for the appearing of the weeds in a given place, he should then know how to prevent their coming in. If it should happen that, in spite of all his efforts, they do gain a foothold, he may then think about eradication. Merely to ask how to kill weeds suggests a lack of mental. analysis. One should go to the bot-

It is said, for example, that the whiteweed or ox-eye daisy runs out the grass, and the farmer always wants to know how to kill the daisy. The solution of the difficulty, however, lies farther back. The farmer should rather ask why the daisy comes into his fields. If he analyzes his subject, he may find that it is because the grass has worn out, the land has become impoverished, the pasture or the meadow has not had the proper care, or it has been mown too long. Many of our meadows are mown year after year until the crop will not average more than half a ton to the acre. This means that the grass plants are small and weak or far apart. It is a poor daisy which will not take advantage of such conditions. The farmer should think less of how to kill weeds and more of how to grow crops.

A common question is, Is this plant a weed? There is no answer to such and I will describe it for the benefit of a question. A plant may be a weed those who set large numbers of such in one place and not in another. A weed is nothing more nor less than a plant which is not wanted. Corn is a weed in a potato field, and rye is a weed in a buckwheat field. Corn may be a weed in a corn field when the corn is planted too thick. Dandelions ness in the knees, and I was often are commonly regarded as weeds, and compelled to work when the ground vet in many gardens they are grown for greens, and are crops and not weeds. Horse radish is likely to be a weed on the farm, but it is a crop in many gardens.

There are many ways of keeping further improved. weeds in check. Some of them are as

(a) Rotation of crops keeps the land moving and kills out the weeds or prevents them from obtaining a foothold.

(b) Frequent harrowing of the land, when it is fallow, prevents it from becoming foul. Land may be plowed very early in spring, but may not be however, it should be surface-tilled. This tillage is good for the land as is the one which is usually most effec- walk.

GARDEN NOTES and thereby mischief is brewed for the following year.

(d) Use clean seed, particularly of crops which are sown broadcast and which, therefore, are not tilled.

(e) Do not let the weeds go to seed on the manure pile, along the fence One who is called on to give advice rows and in the front yard. Avoid in regard to agricultural matters is which weeds have been thrown or on the piles of which they have grown.

(f) Suggest to your neighbor that he keep his place as clean of weeds as you keep yours.

In some of the famous peach or-chards of Michigan, it is a matter of pride that no weeds shall be found in the whole plantation. Many times an orchardist will offer five dollars for every weed which can be found in his peach orchard. This certainly indicates good tillage, and such an ideal is to be coveted. However, very much depends on the character of the land. The Michigan peach orchards are on sandy lands which are very easily and cheaply tilled at almost any season. In heavy clay and on rolling lands this clean tillage can not be practiced without great expenditure of money and labor. In fact, it is not worth while on such lands to endeavor to keen orchards, so scrupulously clean unless the man wishes merely to make

How I Do Transplanting.

I think I have not told your readers about the implement I devised, and which I have used successfully to facilitate the work of transplanting small plants. In the business of market gardening, I transplant many thousand celery, and other small plants every year. Anyone who has done this knows how tiresome it is when it is done continuously for several days. The implement which I have used. has saved me about one-half the work small plants as celery, tobacco, etc. The implement was devised, as others have been, as the result of necessity, for I could not hire help to set so many plants, and working at it so much, was causing a permanent lamewas cold and wet, and this was impairing my health. The implement as I now have it, was "evolved" only af-ter making several that were less perfect, and doubtless it will be still

To show more clearly what the implement does, I will describe my former way of setting celery plants. get the plants all out in good time, we were obliged to work when the ground was dry, and all day, often in the hot sunshine: Our method was to draw a line over the row where the plants were to be set, draw a marker planted for some weeks or even by the side of the line to mark the months thereafter. In the meantime, ground for the plants, then water the row with a watering pot, and then make the holes for the plants with well as efficient in the killing of weeds. dibbers. The implement which I now In fact, the very treatment which the have does all this, and two rows at land most needs to make it grow plants | the same time, as fast as a man can

My first effort to devise something the total the land as soon as the crop is harvested. Many lands which was to make what was very much like strawber. are kept scrupulously clean during the a wheelbarrow with pegs or pins early season are allowed to run riot around the outside of the wheel to with weeds in September and October make the holes as the wheel turned.

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This with a marker to gauge the rows, as little if any summer pruning is would, when run over the ground, needed. mark the rows for the plants and make holes for them.

a bucket of water on the barrow be-hind the wheel, and attach a hose to raised in this way are also less liable it that would lead a small stream of to disease, are more productive and line of holes which the wheel had made

This did the work very well, but not so rapidly as the machine which I now use. This is much like a twowheeled cart, but pegs two inches long, and sharpened close to the end, are placed, for celery plants, six inches apart around the outside of the wheels. The wheels are made of wood, they are two feet in diameter, and have a rim three inches wide, so as not to depress the soil too much. The axle is two and one-half feet long, and a wooden water tank holding about twenty gallons is placed on the axle. Handles are attached both in front and back, for drawing and pushing, for unless the ground is level, two persons are needed to handle it easily. Two small rollers are made to run in front of the wheels, to better balance the cart, but the tank is so placed that there is but little weight on them. A piece of hose is attached to each side of rear of tank to lead the water into small cups with sieve-like bottoms, so placed as to run directly. over the line of holes which the wheels make and water them, so they are ready for the plants.

A line is drawn for the first row, and the other rows are marked by a marker, similar to those attached to garden seed drills, which guages the rows. -W. H. J., Delaware Co., N. Y.

Over-head Grape Trellis.

The over-head system of grape training is a favorite with all who see it, for many reasons.

The ground among the vines is clear so teams can be driven among them in both directions for spreading manure, cultivating, or any such work; the clusters hang well above the head of the small boy, are out of reach of chickens and hang in such a position that birds have little chance to get at Then too, they receive a better circulation of air and both vines and clusters make a handsome appearance.

For this purpose the most hardy and vigorous growing vines should be selected, and all the laterals picked off, training the vines to one straight cane, which, having all the strength of the vine, will naturally make a strong rank growth. Eight feet posts are used and near the top of each a cross piece, three feet long by six inches wide is placed; wires are stretched along to fasten to each end of the cross piece fastened. The vines are set, one near each post and one between each two Stakes should be set to supposts. port the middle vines, but those by the posts can be trained to the posts till all reach the wires.

Little training is necessary as the be allowed to grow so that all the Crocus C, sativus an autumn flowerwires will be covered, and the vines ing sort grown in Spain and elsewhere, rection to prevent tangling. All necessary pruning can be done in the fall its main use is in dyeing and painting.

When the clusters of fruit form, they hang down beneath the foliage, My next improvement, was to place thus being protected from the hot sun water to the ground, and over the the clusters are larger and more perfect. -Laura Hastings.

The Elderberries.

MRS. W. M. KNOER.

The elderberry is a plant worthy of cultivation, in the shrub border. grows anywhere and everywhere you may place it, although a rich soil suits it best, especially if damp. It has small creamy, white, fragrant flowers borne in large clusters. They are of no value as cut-flowers, as they soon turn brown when placed in water. The fruit is a small black berry not liked by many persons while others are very fond of it. If those who do not like it, would stew the berries and when done strain off the juice, and put away in fruit jars, will be found excellent to cook with apples.

Pare and quarter some very sour apples and put over to cook, using the juice of the elderberries instead of water to cook them in. Add sugar the same as when making preserves and see what you have. There is no elderberry flavor at all, but a flavor as delicious as anything you ever tasted, and the color is very beautiful. Those who will try this recipe will never say they don't like elderberries again. Neither will they do without them, when they can be so easily grown. I put them up for winter in this way; although I could not eat them otherwise.

Saffron and Saffron.

E. S. GILBERT.

The ordinary saffron Carthamus tinctoria the Koosumbha of India and the Hoangtchi of the Chinese is cultivated far and wide both for its dried flowers used by dyers and painters and the oil pressed out of its seeds. Its seed is offered in every catalogue along with mints and wormwood as if it had some domestic use. I remember when it was the right thing to give new born babies a few drops of an infusion of its flowers to make them white. This was the only use for it that I ever heard of in these parts and modern infants become white or remain of some other color without it nowadays. I would really like to know what you growers expect to do with it. makes quite a show with its stiff stems two or more feet high, prickly leaves and bright orange flower heads but it and one in the middle, being securely is generally seen along with the beets and parsnips as if for use, instead of ornament. I sowed it not long ago just to see it grow and when it bloomed I dried a lot of its flowers though I had no idea they would ever be used, and they have not been. Its name is more properly safflower the real saffron vines cling to the wires as soon as is a different thing being composed of they reach them; branches can then the stigma and style of a species of should all be made to grow in one di- about 4,000 flowers yielding an ounce of saffron. Not unknown in medicine



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The Fairy Princess.

Poor Tom had been hurt by a trollev car and had to lie in bed all day. often alone, for his mother, a widow, had to go out to work to earn money for food, rent and medicines.

He and his mother lived in a single room of a tenement house. It was at the back and the windows opened on the fire-escape. The day this story begins it was warm weather and the windows were open, and Tom was wishing he could go out and play. When all of a sudden there came in at the window a beautiful thing like a ball of glass, shining with all the colors ball of glass, shining with all the colors of the rainbow. It floated over the fairy king says I may. Good-bye." hed and seemed to vanish, and three She went to the window, stepped more came floating in and three more after those. One floated close to Tom's hand and he caught it, but it was gone and there was only a wet spot on his hand.

"Oh, dear! I broke it!" he sighed.
"No matter; here come more," said some one somewhere

"Who are you and where are you?" when one day a letter came to his asked Tom, and what are these things?" mother with two red tickets, each "Oh, I'm the fairy princess, and of course I'm floating about," said the on it, and this written on the paper: voice, "and these are fairy balloons. We knew in fairy land about your

When Tom's mother came home and he told her about the fairy balit was no dream, and was not in the least surprised when the balloon came

floating in next day.

"Is that my fairy princess?" he cried.
"Yes, Tom, and I want to know if you want more fairy balloons or some fairy music now," answered the voice. "Both, Miss Princess," said Tom, "cause I'm sick.

the brightest balloon that had yet been blown came floating in, and after a minute's pause the voice said, then the prettiest tunes began. could and the voice cried:

"That's right, I like applause," and new tunes came.

It was a good long performance, and the same thing happened every day.

One day, when the fairy voice called, "Hullo, Tom. what can I do for you today?" Tom answered, "Let me see you, Princess Mae."

"Well that would be fun," said the Princess. "Got a clock and can you see it?"

"Yes, I can," said Tom.

"Watch it for fifteen minutes," said the fairy, "then shut your eyes.

Tom watched the clock for fifteen minutes, then shut his eyes, but he listened hard, and suddenly some one seemed to be in the room.

"Look at me," said the little voice; and Tom opened his eyes.

There stood a lovely little creature in a short, white dress, ruffled to the waist, wearing white satin shoes and silk stockings, and on her head a little green cap, like a great flower turned upside down, and she was certainly a

Our LITTIF PEOPLE on her shoulders and a wand in her hand. She made a little courtesy to poor Tom, and danced a little dance, playing a tune to dance by on a funny little whistle that was tied by a ribbon about her neck, and then she sang a little song: after this she went to the window that opened on the fire-escape and brought back a great bunch of flowers and laid them on Tom's bed Then she said softly:

"Good-bye, Tom. I am going to fly away with the other fairies to-morrow. Get well as fast as you can and don't forget Princess Mae. When I come back I will ask you to come to see me in Fairyland."

"Oh, come back soon," said Tom, "you pretty fairy."
"Oh, I will," said Mae, "when the

out of it, and was gone.

"It's no fairy," thought Tom's mother, when he told her; "some one has been kind to the child, but I'll let him think what amuses him." only had all this amused Tom, but it was good for him. He really got well sooner and was going to school again,

Dear Mrs. Ryan:—I do not suppose you ever saw me, but your little boy. breaking your leg and I've come to Tom, has. I am the fairy princess amuse you," and in came ever so who amused him when he was ill. I many more fairy balloons. and once I came across the fire-escape in my costume. I am a little actress loons, she laughed, and told him that in The Fairy Speciacle, for which I he had been dreaming but Tom knew send you tickets, and if you will bring Tom tomorrow night to the theatre you will see me in Fairyland. I play Princess Mae and papa is Fairy King.

Yours respectfully,—Jane Martin."
So the mystery was solved. Tom said he was glad it was that way. was older now and had begun to know there were no real fairies nowadays.

Mother and son went to the play, "Call me Princess Mae," said the and Fairyland was lovely on the stage, iry: "You shall have both." Then and Frincess Mae lovelier. Then and Princess Mae lovelier.

She played on her fitte and she danced her pretty dances, and when all the fairies danced in a row to the "Now I'll play on my fairy flute," and foot-lights she smiled and kissed her then the pretriest tunes began. Tom hand to Tom and his mother, and clapped his little hands as hard as he they applauded just as hard as they could. -Ledger.





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It is our purpose to put every dolthe children's use at school. Why not lar which comes in, back into the magazine to improve it.

Two years for fifty cents and five years for one dollar are proving to be rapidly that we shall be obliged to add very popular offers. Have you sent

Notice some of our clubbing offers umns encroach upon our reading space on page seventeen. The Ladies' World is an excellent household publication price 40c. a year; we will send it and Vick's both one year for only 55c. or the Household, an excellent pons on page seventeen and give them | dollar paper and Vick's both one year for only 75c.

which we print for them in each issue carnot fail to leave a good impression delighted with the new form of the as well as to please the little ones. magazine. The new departments are Ore bend of the young twig in the

We are already planning for enlarging and improving the magazine the coming summer and fall by adding more pages, using better paper, and printing a portion, at least, of the covers in several colors. You can help along by securing a few subscriptions at the present low prices.

AGENTS BIG STRIKE 1 We want men and women every men to the control of the control



PRIZES



LEE'S LICE KILLER kills all mites and body lice by simply sprinkling on roosts for poultry; on bedding for hogs. Big sample free. Geo. H. Lee Co., Omaha, Neb.



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I am more than pleased with the Mrs. AGNES HITCHINGS.

SALVONA SOAP CO., Main and Locust Sts., ST. LOUIS, MO.

OUR POULTRY PAGE

I. W. Burgess.

Do you own an incubator? The busy hen is the profitable one. Don't forget the dust box. Sift dry

coal ashes into it. The early broilers are the money

makers. Get a hustle on. Use your head in feeding the hens. Much food is worse than wasted.

After all it is the early hatched pulwinter

your bran mash.

If every egg were hatched a male bird can be the sire of over a thousand chicks in a year.

Have you built that scratching pen vet? You'll never secure many eggs in cold weather without it.

Have you a favorite breed? Then care of them than of any other.

Give them a bushel of clover chaff. They or cut clover hav occasionally. will eat all but the coarse stalks.

If you have an idea of embarking in the poultry business, begin in a small way. You may not like it.

Chop up beets, turnips, cabbage,

potatoes, etc., fine, and give the hens, a little every day. They will relish it.

Did you ever cut up sod in the fall the hens do enjoy a little genuine grass in winter

egg husiness? eggs cost a dollar a dozen, and let it go at that?

roosting place until that blizzard and lieve are fertile. zero weather subsides, than have them go out and freeze.

than eggs in corn.

One cold night will freeze a comb sure they are housed comfortably during the cold snaps.

done and kept too warm, which makes the fowls dumpy, fat and lazy.

If any of your fowls got through moulting, and began laying early, in the care of them less of a task. Why not breed from the early ter. moulters.

If you have any yearling Brahmas they are probably laying now. They are slow in maturing, but once they get their growth, they are great eggproducers

before any of the others in the morning, and retires last at night. She is the best layer in your flock. Better save her eggs for hatching.

One reason so few eggs hatch early in the season is that they are not fertile. This is due largely to the fact that the hens are using up their surwarm.

Encourage the boy in his poultry craze. Don't begrudge an outlay of a by picking up bugs, worms, hoppers, little cash in starting him with a flock of his favorite breed. It will do him good, and get him into the habit of she soon exhausts her resources in this assuming responsibility and thinking direction, and must depend upon for himself.

Because the fowls all run open mouthed when you appear in sight, don't assume they are hungry.

The greatest fault with many inexperienced people is that of over-feed

Now that winter is here, you think of many things you wish you had done before cold weather set in. Mark them down in your diary, and do them next fall. Thus you learn by evnerience

You may kill a horse by changing lets that dish up the most eggs in his food, but you can't kill a hen that They need a change. A steady way Don't throw away a drop of milk diet of one sort of food will generally either sweet, or sour, but mix it in show its ill effects by a great decrease in egg production.

When figuring on a hen taking care of herself in cold weather it isn't safe to assume that she knows a thing. A hen knows just enough to sit on a stone fence within two rods of a warm coop, and freeze to death.

It is possible to have a cross breed keep that breed. You'll take better of thoroughbred hens, and for a general purpose fowl, some like them. Use a Brown Leghorn cock one season, and a Plymoth Rock the next, always selecting a well bred bird, and you will have a lot of fowls that many prefer to straight goods, and yet they are high-grade.

February is none too early to begin arranging to separate your breeding pens. Pick out half a dozen of your best layers, and mate them with your and pack away for winter use? How best cockerel; put them in a good, the hens do enjoy a little genuine grass warm place, and devote yourself to warm place, and devote yourself to making them lay. Eat the first dozen log business? Or do you assume your ggs cost a dollar a dozen, and let it o at that?

Better keep them housed up in the light of the light of

Have you attended any of the poultry shows this winter? You If you have been feeding lots of corn, should do so, even though you have and meal mash, it may be your hens no fancy fowls to exhibit. It is well are too fat to lay. There is more fat to go occasionally and rub up against a lot of of practical poultry men, and get all the pointers you can. Even and ruin an otherwise prize bird. Be though you keep but a small number of fowls, it will give you a lot of pleasure to see what really first-class fowls One trouble with artificial heat in a look like, and you will find yourself henhouse is that it is generally over going home with the temperature of your enthusiasm elevated many degrees, which will make your own little flock look better to you, and will make

CONCERNING GROUND GREEN BONE.

A good machine for grinding green bone, is a profitable investment for anybody who keeps hens. Many people have an idea that this is a fancy luxury unless one has a large hennery. roducers.
One hen always comes off the perch sive poultry raiser cannot well do without a bone machine, in the same proportion it is a most valuable addition to the paraphernalia of the man who keeps but a score of fowls, in the village, or forty or fifty on a farm. In order that a hen shall do her best not only in the matter of general health, but also in egg-laying, it is plus vitality in the effort to keep absolutely necessary that she have animal food in some form.

This she can supply in summer time, what is furnished her. For various

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cleansing, curative, beautifying and invigor-ating effects of the famous Turkish Bath, Hot Vapor or Medicated Bath at home, for 3 cents each, with no possibility of taking cold or in any way weakening the system.

way weakening the system.

These baths have truly marvelous powers, far superior to soap and water; celebrated for producing glowing faces, fair skin, bright eyes, elastic figures and perfect health to all men and women who make them a weekly habit, and this invention brings them within the reach of the poorest person in the country.

Clouds of hot vapor or medicated vapor surround the entire body, opening the millions of sweat-pores, causing profuse perspiration, drawing out of the system all the impure salts, acids and poisonous matter of the blood, which, if retained, overwork the heart, kidneys, lungs and skin, causing colds, fevers, disease, debility and sluggishness.

Astonishing is the improvement in health, fact

sluggishness.

Astonishing is the improvement in health, feeling and complexion by the use of this Cabinet, and it seems to us that the long-sought-for method of securing a clear skin, a good complexion, of retaining good health, curing and preventing disease without drugs, has certainly been found.

disease without drugs, has certainly been found.

The makers inform the writer that more than 600,000 of these Cabinets have been sold, and showed letters from thousands of users who speak of this Cabinet as giving perfect satisfaction.

A. B. Stockham, M. D., of Chicago, editor of "Tokology," recommends it highly, as also does Congressmen John J. Leutz, Hon. Chauncey M. Caber, Res. Senato Dongias, Rev. James Thoms, Ph. D., pastor First Baptist Church, Centerville, Wich.; Rev. J. C. Richardson, Roxbury, Mass.; Rev. H. C. Roernaes, Everett, Kansas; John T. Brown, editor "Christian Guide," and thousands of others.

Brown, editor "Christian Guide," and thousands of others.

Ira L. Gleason, prominent citizen of Hutchinson, cured himself of rheumatism and his friends coloid, pneumonia, fevers, grippe, blood, skin and kidney diseases, and made \$2,500 selling and kidney diseases, and made \$2,500 selling this Cabinet in a little more than 12 months of the color when the making \$100 to \$200 per months of the color when the most of the most of the most of the color when the most of the most of the color when the most of the

A prominent business man of Cincinnati has invented a new Vapor Bath Cabinet that has proven a blessing to every man, woman and child who has used it; and as many of our reachers may not know of its real comfort and blessings, we illustrate it in this issue.

This Cabinet is an air-tight, rubber-walled room, in which one comfortably rests on a chair, and, with only the head outside, enjoys all the amount of the company of

of our paper should have in their homes. This invention is known as the new 1903 style, Quaker Polding Vapor Bath Cabinet, and after investigation we can say that it is well, durably and handsomely made of best material throughout, has all the latest improvements, will last a lifetime, and is so simple to operate that even a child could do it safely. It folds flat in one inch space when not in use; can be easily carried; weighs but 10 pounds.

IT IS IMPORTANT TO KNOW

that the makers guarantee results and assert positively (as do thousands of users) that this Cabinet will clear the skin, purify and enrich the blood cure nervousness, weakness, that three feelings of hetematics. They offer \$50.00 reward for a case not relieved.) Cures Women's Troubles, Neuralgia, Malaria, Sleeplessness, Gout, Sciatica, Hendaches, Piles, Dropsy, Liver, Kidney and Nervous Troubles, and Blood Diseases. It cures the worst Cold in one night and breaks up all symptoms of La Grippe, Fevers, Pneumonia, Bronchritis, Tonsilitis, and is really a household necessity, a blessing to every family. To please the ladies a Head and Face Steaming Attachment is furnished if desired, which clears the skin, beautifies the complexion, remove pimples, blackheads, eruptions, and is a sure cure for skin diseases, Catarria and Asthma.

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have one of these remarkable Cabinets in their home.

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reasons this supply is usually very tween them, over white sand, in this meagre, and the hen suffers many times, and so does the egg basket, for want of more animal matter in the daily ration. The poor hen endeavors money and went off in search of diato supply the demand in every way possible, which accounts in many cases for the serious habit of feather pulling among the fowls. Meat chopped fine, is excellent, but it does not take the place of ground bone, which carries with it an element of strength, and vigor that is not found in meat alone. It is not necessary, nor wise to overdo it, and feed too much. A square meal of ground bone twice a week, is sufficient, and this can take the place of the regular ration, for that time. The fowls will eat it with avidity, and it may be scattered among the litter, the same as grain, which has the twofold advantage of making the hens work for it, and compelling them to eat it more slowly than if allowed free access to the whole mess at once. A good-sized bone or two, bought for a nickle at the bucther's, and a little elbow-grease on the part of the owner of the hen, in grinding bones through the machine, will bring large interest on the investment in various ways. Many times a supply of this diet will start hens laying when nothing else seems to do it, especially in cold weather when they are housed up closely. It also supplies strength and vigor, and staying qualities that can be secured in no other method of feeding. If a hen could have access to all sorts of food all the time, she would select such as her system required. But not being thus favored, in the winter, when housed up, she must depend upon what your bounty and forethought furnish her, and ground green bone is a pretty safe ration any time.

Diamonds In It.

Several years ago we heard Russell Conwell tell this charming story which he obtained from an Arabian guide: There lived on the banks of the Indus an ancient Persian by the name of El Hafed. From his beautiful and comfortable cottage on the hill side he could look down upon the gleaming river and out over the glorious sea. He was a man of wealth. His fields and orchards yielded plentifully and he had money at interest. A beautiful wife and lovely children shared with him the joy of a happy home.

One day there came to the cottage a Persian priest. That priest sat down with El Hafed before the blazing fire on the hearth and told him how diamonds are made. "If you had a diamond," said the old priest, "as big as your thumb you could pur-chase many farms like this, and if you had a bushel you could own the whole country." That moment El Hafed became poor. All his possessions seemed to lose their value, as the feeling of discontent filled his soul. He said: 'I must have a mine of diamonds. What is the use of spendin gone's life in this way in this narrow sphere. I want a mine and shall have it!"

That night he could not sleep. Early the next morning he went to the priest and asked where he could find those diamonds. "If you want diamonds," said the priest, "go and get them." "Won't you please tell me where I can find them" said El Hafed. "Well, if you go and find high mountains, with a deep river running be- The Vick Publishing Co., Rochester, N. Y.

white sand you will find diamonds."

The enthusiastic, restless and dissatisfied farmer sold his farm, took the monds. He began with the Mountains of the Moon and came down through Egypt and Palestine. Years passed while he was pursuing his useless search. At last he went over through Europe and one day, broken hearted, in rags, a hungry pauper, stung with humiliation and crushed by his bitter disappointment, he stood on the shore of the Bay of Barcelona. He looked at the big waves as they came rolling in, and listened to the whisper that invited him to peace, and in the moment of despair threw himself in and sank never to rise

The man who purchased El Hafed's farm led his camel out one day to the stream in the garden to drink. While the camel buried his nose in the water the man noticed a white flash of glittering, glistening, sparkling some-thing at his feet. Out of curiosity he reached down and picked up a black stone with a strange eye of light in it which seemed to reflect all the colors of the rainbow. He took the curiosity to the house and laid it on the mantle and soon forgot all about it.

One day this same old priest came to visit El Hafed's successor. He noticed a flash of light from the mantle and sprang toward it in amazement and exclaimed: "Here is a diamond! Has El Hafed retnrned?" -"Oh, no, that is not a diamond. It is a stone we found out in the garden." But, I tell you that is a diamond," and the two men went out in the garden and stirred up the white sand and there came up in their hands beautiful diamonds more valuable than the first.

This is historically true. It was the discovery of the wonderful mines of Golconda and the founding of the line of the great moguls. The guide swung his cap and said: "Had El Hafed remained at home and dug in his own garden, he would have been the wealthiest man of his time and the most honored.—F. J. Chase, Ph. D.

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They will have to do what the farmers in Europe are doing, unit with the city wage workers to establish a new system by which the rail-roads and factories shall be run for the benefit of those who do the work, the farmers and the laborers.

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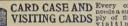
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